

AMENDED IN ASSEMBLY MAY 3, 2006

AMENDED IN ASSEMBLY APRIL 17, 2006

CALIFORNIA LEGISLATURE—2005–06 REGULAR SESSION

ASSEMBLY BILL

No. 1925

Introduced by Assembly Member Blakeslee

February 1, 2006

An act to add Section 25216.7 to the Public Resources Code, relating to energy.

LEGISLATIVE COUNSEL'S DIGEST

AB 1925, as amended, Blakeslee. Energy: electricity: carbon dioxide.

Existing law imposes various duties on the State Energy Resources Conservation and Development Commission, including requiring the commission to undertake a continuing assessment of trends in the consumption of electrical energy and other forms of energy and to analyze the social, economic, and environmental consequences of these trends, and to recommend to the Governor and the Legislature new and expanded energy conservation measures as specified.

This bill would require the commission, on or before January 1, 2008, *and in coordination with the Division of Oil, Gas, and Geothermal Resources of the Department of Conservation and the California Geological Survey*, to submit a report to the Legislature containing recommendations for how the state can develop parameters to accelerate the adoption of cost-effective geologic sequestration strategies for the long-term management of industrial carbon dioxide. The bill would require the commission, in formulating those recommendations, to meet with specified individuals and groups. The

bill would require the study for the report to be conducted using existing resources and to include specified information.

The bill would require the commission to support specified research and development efforts concerning storage, capture, and sequestration of carbon dioxide.

Vote: majority. Appropriation: no. Fiscal committee: yes.
State-mandated local program: no.

The people of the State of California do enact as follows:

1 SECTION 1. Section 25216.7 is added to the Public
2 Resources Code, to read:

3 25216.7. (a) (1) On or before January 1, 2008, the
4 commission, *in coordination with the Division of Oil, Gas, and*
5 *Geothermal Resources of the Department of Conservation and*
6 *the California Geological Survey*, shall submit a report to the
7 Legislature containing recommendations for how the state can
8 develop parameters to accelerate the adoption of cost-effective
9 geologic sequestration strategies for the long-term management
10 of industrial carbon dioxide. In formulating recommendations,
11 the commission shall meet with representatives from industry,
12 environmental groups, academic experts, and other government
13 officials, with expertise in indemnification, subsurface geology,
14 fossil fuel electric generation facilities, advanced carbon
15 separation and transport technologies, and greenhouse gas
16 management.

17 (2) The study for the report shall be conducted using existing
18 resources and shall include, but is not limited to, all of the
19 following:

20 (A) Key components of site certification protocol, including
21 seal characterization, reservoir capacity and fluid and gas
22 dynamics, testing standards, and monitoring strategies.

23 (B) Integrity and longevity standards for storage sites.

24 (C) Mitigation, remediation, and indemnification strategies to
25 manage long-term risks.

26 (b) The commission shall support research and development
27 efforts to do all of the following:

28 (1) Identify and characterize state geological sites that
29 potentially are appropriate for long-term storage of carbon
30 dioxide.

- 1 (2) Evaluate the comparative economics of various
- 2 technologies for capture and sequestration of carbon dioxide.
- 3 (3) Identify technical gaps in the science of sequestration of
- 4 carbon dioxide, to be prioritized for further analysis.